

**MANAGEMENT ON TYPE OF ACTIVITY IN  
CORRIDOR OF BUKIT DARMO BOULEVARD  
ROAD SURABAYA**

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*Abstract*

*Bukit Darmo Boulevard road is experiencing a rapid development in terms of daily transportation. In this corridor is dominated by several type of land use, such as commercial and services, restaurants, offices, and some apartments. Different types of activities provide different sum of attraction and generation. From the initial calculation during peak hours reaches 4223.4 smp/ hour with a road capacity of 4059 smp/ hour resulting in traffic congestion. It is necessary to cope by controlling the types of activities in Bukit Darmo Boulevard Road Surabaya.*

*As for this research is involving identification of existing activities, identification of street performance, calculate the traffic generation and its influence on the performance of the road, measuring this traffic generation in the changes in type of activities. Furthermore, to control the types of activities implemented with two scenarios namely 1st scenario with the addition of road capacity due to reach LOS F and 2nd scenario is to determine the type of activities (choosing the type of activities that have the traction/ high generation) which is then scaled back.*

*Determination of the types of activities in Bukit Darmo Boulevard Road Surabaya based on ideal*

*condition of road performance in the amount of 0,8 for several types of activities that recommended for it, such as apartement, bank, and services. Changes in limiting the types of activities such as; several other business, restaurants, and the machine shop. And some changes is prohibited in this corridor, such as store and parking lot.*

*Keywords: Darmo boulevard, Management on type activities, Road performance*